

Challenges and learnings in the application of multi-year forecasts in hydropower operations

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In 2017, CSIRO embarked on a collaborative research project to explore the utility of forecasts from CSIRO's multi-year forecast system in hydropower operations in Tasmania. Here we provide an account of the efforts undertaken to find utility in the forecasts, across the 4-year project timeframe, including a description of the co-design process and its outcomes. When it became apparent that the skill of the forecasts for this application was low, we found that intense co-design efforts were needed to derive utility in the forecasts.